

EE Initial Notification Summary Information

PM₁₀ Exceedance

Submitting Agency: State of Wyoming – Air Quality Division

Agency Contact: Cara Keslar

Date Submitted: 05/06/2021

Applicable NAAQS: 1987 PM₁₀ 24-hr precision PM10 monitoring - 150µg /m³ Limit

Affected Regulatory Decision¹: (AQD will fill this section out per 50.14, option F)

(for classification decisions, specify level of the classification with/without EE concurrence)

Area Name/Designation Status: Attainment/Unclassifiable

Design Value Period (list three year period): 2018-2020

(where there are multiple relevant design value periods, summarize separately)

A) Information specific to each flagged monitor day that may be submitted to EPA in support of the affected regulatory decision listed above

Date of Event	Type of Event (high wind, volcano, wildfires/prescribed fire, other ²)	AQS Flag	Monitor AQS ID (and POC)	Monitor Name	Exceedance Concentration (with units)	Notes (e.g. event name, links to other events)
January 27, 2019	High Wind	IJ	56-031-0805-1	PM10A	170.5 µg /m ³	Southeast Wyoming High Wind Dust Exceptional Event Demonstration: January 27, 2019, not yet submitted to EPA.
October 13, 2020	High Wind	IJ	56-031-0805-1	PM10	228.9 µg /m ³	Southeast Wyoming High Wind Dust Exceptional Event Demonstration: October 13, 2020, not yet submitted to EPA.

B) Violating Monitors Information

(listing of all violating monitors in the planning area, regardless of operating agency, and regardless of whether or not they are impacted by EEs)

Monitor (AQS ID and POC)	Design Value (<u>without</u> EPA concurrence on any of the events listed in table A above)	Design Value (<u>with</u> EPA concurrence on all events listed in table A above)
Laramie River Station Thermo Scientific Teom 1405 (56-031-0805-3)	2.3	0.0

¹ designation, classification, attainment determination, attainment date extension, or finding of SIP inadequacy leading to SIP call

² Provide additional information for types of event described as "other"

C) Summary of Maximum Design Value (DV) Monitor Information (Effect of EPA Concurrence on Maximum Design Value Monitor Determination)

(Two highest values from Table B)

Maximum DV monitor (AQS ID and POC) <u>without</u> EPA concurrence on any of the events listed in table A above	Design Value 2.3	Design Value Monitor Laramie River Station Thermo Scientific Teom 1405 (56-031-0805-3)	Comment
Maximum DV monitor (AQS ID and POC) <u>with</u> EPA concurrence on all events listed in table A above	Design Value 0.0	Design Value Monitor Laramie River Station Thermo Scientific Teom 1405 (56-031-0805-3)	Comment

D) List of any monitors (AQS ID and POC) within planning area with invalid design values (e.g. due to data incompleteness)

<u>Year</u>	<u>Quarter</u>	<u>Exceedances</u>	<u>Valid Days</u>	<u>Poss Days</u>	<u>Estimated Exceedances</u>	<u>Yearly Expected</u>	<u>w/EPA Concurrence</u>
2018	1	0			0.0		
	2	0			0.0		
	3	0			0.0		
	4	0			0.0	0.0	
2019	1	1			6.0		
	2	0			0.0		
	3	0			0.0		
	4	0			0.0	6.0	
2020	1	0			0.0		
	2	0			0.0		
	3	0			0.0		
	4	1			1.0	1.0	
3YR TOTAL						2.3	0.0

* Since both exceedances are associated with Exceptional Event Demonstrations, the DV with EPA concurrence would be

** If the first exceedance is observed in a calendar quarter in which the monitor is already sampling every day, no adjustment for missing data will be made to the first exceedance if a 75 percent data capture rate was achieved in the quarter in which it was observed. (note: 1st exceedance is interpreted as 1st in calendar year)